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DEPARTMENT OF STATE
DIVISION OF LANGUAGE SERVICES

(TRANSLATION)

LS NO. 43861 AO Russian

To complete the materials delivered to you earlier, we are sending you tables describing the utilization of scientific and engineering personnel, prepared by S.R. Mikulinskiy, Corresponding Member of the U.S.S.R. Academy of Sciences.

[s] Ye. Sklyarov

September 5, 1974

State Dept. declassification & release instructions on file

Number of persons with college education

/		Total	Men	Women
· ·				
Persons with col	lege education	•	•	
Persons with coli per 1,000 employe	lege education ed	·		

Number of employees in the sector "science and scientific servicing"
. (1950-1973)

			Total	Percent of w	omen
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Note: These data are also available for each Union Republic

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		and	
		9	
		55-59	
		-	
		50-54	
	groups	45-49	
	age	35-44	1973.
·	By	25-34	1967 and June 1,
		25	nd J
		Under	1967 a
	Total	workers and employees	Note: Data are available for periods ending June 1,
		work	ble for p
			e availa
	-		Note: Data an

Note: Data are available for periods ending June 1, 1967 and June 1, 1973.

Scientific personnel by degree and academic title

		of w	Of which
	TOTAL	Men	Women
Total scientific personnel (incl. college teaching staff)			
With degree of			
Doctor of sciences	•	•	
Candidate of sciences			
With academic title of			•
(out; of total scientific personnel)			
Academician, Corresponding member, Professor	,		
Associate professor	•		
Senior scientist		-	·
Junior scientist and Assistant			

Data on the distribution of women by degrees are Note: Annual data for 1950-1973 can be made available. lacking for some years.

	FOR	112.47		
	Lotal	With degree	gree of	Without
	personnel	Dr. of Sci.	Cand. of Sci.	dedree
TOTAL				roved
By fields of science:	3-			l For
Physics and mathematics Chemistry				Releá
Biology				0
Geology and mineralogy				200
Technology Agriculture				00/0
Economics				8/2
History				3:
Philosophy				ÇI
Fniclogy Geography				A-RI
Law			•)P7
Pedagogics		0.		79-(
Medicine		•		007
Veterinary medicine				98
History of art		2		/00
Architecture				005
				000
				D1-
		,		1

Analogous data can be made available for 1960, 1965, 1970, and 1972 for each of the Union Republics. Statistical data for 1950, 1955, 1960, 1965, 1970, 1971, and 1972 can be made available. Note:

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Age composition of scientific personnel

1 .			19	7.2	
•	1966	Total	In scientific institutions	In colleges	Of total number of sci. personnel, in USSR Sci. Acad. and Sci. Acad. of Union Republ.
Total number of sci. personnel					
By age groups (in % of total):					
Under 29 30-40 41-50 51-60				5 ⁹	·
61 and above With degree of:			•		• • ;
Doctor of sciences (Ph.D.)				ž.	-

30-40

41-50

51-60

61 and above

Candidate of sciences (Cand.Sci.)

By age groups (in % of

total Ph.D's.):

By age groups (in % of total Cand.Sci.)

Under 29 30-40

41-50

51-60

61 and above

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Table 7

Scientific personnel in scientific institutions and institutes of higher learning

	Of which
makal	
Total scientific personnel	in scient. instit. in instit. high. learn.

Note: Published data are available for individual years (1950, 1955, 1958, etc.) The Central Statistical Administration has data for the entire period 1950-1973.

Distribution of the scientific staff of the U.S.S.R. Acad. Sci. by scientific fields

 •	Total sci.		Of which	
<i></i>	staff	with d	egree of Cand.Sci.	without degree

Tota1

By scientific fields:

Physics and mathematics Chemistry Biology Geology and mineralogy Technology Agriculture Economics History Philosophy Philology Geography Law Pedagogics Medicine Pharmacology Veterinary medicine History of art Architecture

Note: Data for 1970 can be made available.

Scientific personnel and their distribution by degrees in the U.S.S.R. Science Academy, the Science Academies of Union Republics, and specialized (branch) academies

	Total scient. staff (excl.	Of which wi	th degree of
4 •	persons w. sev. posts)	Ph.D.	Cand. Sci.

U.S.S.R. Science Academy Uk.S.S.R. Science Academy B.S.S.R. Uzb.S.S.R. Kaz.S.S.R. Geor.S.S.R. Az.S.S.R. Lith.S.S.R. Mold.S.S.R. Latv.S.S.R. Kirg.S.S.R. Tadzh.S.S.R. Arm.S.S.R. Turkm.S.S.R. Est.S.S.R.

U.S.S.R. Academy of Fine Arts Lenin Agricultural Academy U.S.S.R. Academy of Medical Sciences U.S.S.R. Academy of Pedagogical Sciences R.S.F.S.R. Academy of Municipal Economics

Note: Complete statistical data are available for 1970, 1971, 1972, and 1973; data without distribution by degrees are available for 1959-1969. Approved For Relea 2000/08/23 : CIA-RDP79-00798A000 100001-

Table 10

Distribution of scientific personnel of the U.S.S.R. Science Academy by positions

Heads of institutes

Directors and their deputies

Section (laboratory, branch) chiefs

Senior scientists

Junior scientists

Other scientists

Note: Information for 1950, 1960, and 1970 is available.

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Number of post-graduate students

		•	I ₁	ncluding	students		
Year	Total post-grad.stu-dents	In sci. inst. (excl. colleges)	Of Full Time	which Part Time	In inst. of high. learn.	Of Full Time	which Part Time

Note: Statistical data for 1950-1973 can be made available.

Number of women among post-graduate students

TOTAL

Of which

In scientific institutes

In inst. of higher learning

Note: Data for 1950, 1960, 1970, and 1973 can be made available

Number of licensed engineers employed in the national economy, by specialization.

As of November 15, 1966

Total licensed engineers employed in the national economy

> By specializations acquired in institutes of learning:

Geology and prospecting for mineral deposits Working of mineral deposits

Power engineering

Metallurgy

Machine and instrument building, electronics, manufacture of electric instruments and automatic devices, radio technology and communications

Chemical engineering

Forestry engineering, technology of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography

Hydrology and meteorology

Mechanization and electrification of agriculture

Transportation

These data are also available for each Union Republic.

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[s] Ye. Sklyarov

September 5, 1974

Number of persons with college education

	Total	Men	Women
Persons with college education			
Persons with college education per 1,000 employed			

Number of employees in the sector "science and scientific servicing"

. (1950-1973)

		•
	 Total	Percent of women
. •		
·		
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	·	•
•		

Note: These data are also available for each Union Republic

Workers and employees in the sector "science and scientific servicing" by age groups (in percent)

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·		60 and		
•		55-59		
		50-54		
	groups	45-49		
	age	35-44		
٩	By	25-34		
	-	Under 25		
- G+CE		workers and employees		
			*	

Note: Data are available for periods ending June 1, 1967 and June 1, 1973.

Scientific personnel by degree and academic title

Total scientific personnel (incl. college teaching staff) With degree of Doctor of sciences Candidate of sciences With academic title of Cout,of total scientific personnel) Academician, Corresponding member, Professor Associate professor Senior scientist Junior scientist and Assistant			10 Of 1	Of which
cl. nnel		TOTAL	Men	Women
nnel)			-	
nnel) , ber,	With degree of			
nnel) , ber,	Doctor of sciences		•	
nnel) ' ber,	Candidate of sciences .			
nnel) ber,				
ber,	With academic title of (out,of total scientific personnel)			
Associate professor Senior scientist Junior scientist and Assistant				
Senior scientist Junior scientist and Assistant	Associate professor	-		
Junior scientist and Assistant	Senior scientist			
	Junior scientist and Assistant			

Data on the distribution of women by degrees are Note: Annual data for 1950-1973 can be made available. lacking for some years.

	Total	With degree	gree of	Without
	personnel	Dr. of Sci.	Cand. of Sci.	derce
TOTAL				ved
By fields of science:				For F
Physics and mathematics		•		Rele
Chemistry				а
Biology	-	,	٠.	
Geology and mineralogy				200
Technology	٠			00/
Agriculture				08/
Economics				/23
History); (
Philosophy				CIA
Philology				۷-F
Geography				RDI
Law				27
Pedagogics				9-0
Medicine				07
Pharmacology				98
Veterinary medicine				AC
History of art				000
Architecture	-			05
			•	000
) (

Analogous data can be made available for 1960, 1965, 1970, and 1972 for each of the Union Republics. Statistical data for 1950, 1955, 1960, 1965, 1970, 1971, and 1972 can be made available. Note:

Age composition of scientific personnel

Total scientific colleges personnel, in ussitutions USSR Sci. Acad and Sci. Acad of Union				197	7.2	
	•	1966	Total	scientific		number of sci. personnel, in USSR Sci. Acad. and Sci. Acad.

By age groups (in % of total):

Under 29

30-40

41-50

51-60

61 and above

With degree of:

Doctor of sciences (Ph.D.)

By age groups (in % of total Ph.D's.):

Under 29

30~40

41-50

51-60

61 and above

Candidate of sciences (Cand.Sci.)

. By age groups (in % of total Cand.Sci.)

Under 29

30-40

41-50

51-60

61 and above

Scientific personnel in scientific institutions and institutes of higher learning

	Of which
Total ociontisis	
Total scientific personnel	in scient. instit. in instit. high. learn.

Note: Published data are available for individual years (1950, 1955, 1958, etc.) The Central Statistical Administration has data for the entire period 1950-1973.

Distribution of the scientific staff of the U.S.S.R. Acad. Sci. by scientific fields

Total	·	Of which	•
sci. staff		egree of	without degree
	Ph.D.	Cand.Sci.	

Total

By scientific fields:

Physics and mathematics Chemistry Biology Geology and mineralogy Technology Agriculture Economics. History Philosophy Philology Geography Law Pedagogics Medicine Pharmacology Veterinary medicine History of art Architecture

Note: Data for 1970 can be made available.

Scientific personnel and their distribution by degrees in the U.S.S.R. Science Academy, the Science Academies of Union Republics, and specialized (branch) academies

Total scient. staff (excl.	Of which	with degree of
persons w. sev. posts)	Ph.D.	Cand. Sci.
	·	

U.S.S.R. Science Academy

Uk.S.S.R. Science Academy

B.S.S.R.

Uzb.S.S.R.

Kaz.S.S.R.

Geor.S.S.R.

Az.S.S.R.

Lith.S.S.R.

Mold.S.S.R.

Latv.S.S.R.

Kirg.S.S.R.

Tadzh.S.S.R.

Arm.S.S.R.

Turkm.S.S.R.

Est.S.S.R.

U.S.S.R. Academy of Fine Arts

Lenin Agricultural Academy

U.S.S.R. Academy of Medical Sciences

U.S.S.R. Academy of Pedagogical Sciences

R.S.F.S.R. Academy of Municipal

Economics

Note: Complete statistical data are available for 1970, 1971, 1972, and 1973; data without distribution by degrees are available for 1959-1969.

Distribution of scientific personnel of the U.S.S.R. Science Academy by positions

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			Iı	ncluding	students		
Year	Total post-grad.stu-dents	In sci. inst. (excl. colleges)	Of Full Time	which Part Time	In inst. of high. learn.	Of Full Time	which Part Time

Note: Statistical data for 1950-1973 can be made available.

Number of women among post-graduate students

mo	UTI A T				
TU	TAL			• .	
Of	which				
In	scientific institutes				
In	inst. of higher learning	g	·		

Note: Data for 1950, 1960, 1970, and 1973 can be made available

Number of licensed engineers employed in the national economy, by specialization.

As of November 15, 1966

Total licensed engineers employed in the national economy

> By specializations acquired in institutes of learning:

Geology and prospecting for mineral deposits Working of mineral deposits

Power engineering

Metallurgy

Machine and instrument building, electronics, manufacture of electric instruments and automatic devices, radio technology and communications

Chemical engineering

Forestry engineering, technology of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography -

Hydrology and meteorology

Mechanization and electrification of agriculture

Transportation

These data are also available for each Union Republic.

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